



# NZDU00887 Dulux Wash & Wear 101 +Plus Kitchen & Bathroom Low Sheen on New Masonry [Interior]

## Scope of Works

Wash&Wear +PLUS Kitchen & Bathroom has been developed to withstand humid or damp environments. Wash&Wear +Plus Kitchen & Bathroom contains 101 Barrier Technology so you can wipe away most marks with a wet cloth, meaning your walls will look freshly painted for years. DULUX Wash&Wear +PLUS Kitchen & Bathroom is low VOC (<16g per litre) and contains Mouldshield® Technology. DULUX Wash&Wear +PLUS Kitchen & Bathroom is guaranteed against mould growth for 10 years. The special anti-bacterial formula actively inhibits bacteria from multiplying on the paint surface in accordance with JIS Z2 801; an internationally recognised antimicrobial testing method.

## **Substrate and Substrate Preparation**

#### **Substrate Notes**

This is a generic masonry and cementitious substrate. It includes concrete block substrates. The following substrates are excluded: Precast, Tilt-up and Off-form, Concrete Flooring, Roof Tiles and Cement Render. Other specialty masonry or cementitious substrates may also not be covered by this substrate.

#### BRICK

Bricks are predominantly kiln-fired clay, which can be glazed or unglazed. The glazing on glazed bricks should be ground or scabbled to improve adhesion of the coating system. Brickwork is often raked, so rendering requires much more material than face-laid brickwork. The surface must be clean and sound, free of dirt, grime, mould, fungus, stains, powdery mortar smears and all other contaminants. The surface should be examined to determine if it has been laid to specification (flush jointed or face laid) and that the surface variation is within acceptable tolerances. If applying a texture coating, the degree to which the texture coating camouflages flush walls depends on how flush the substrate has been constructed.

### **BLOCKWORK**

Blockwork is largely cement based and highly porous, and usually flush-laid. The surface should be examined to determine if it has been laid to specification (flush jointed or face laid) and that the surface variation is within acceptable tolerances. The degree to which texture coatings camouflage flush walls depends on how flush the substrate has been constructed.

## AUTOCLAVED AERATED CONCRETE (AAC)

AAC is manufactured from sand, lime and cement, to which is added water and aluminium paste. After mixing, the cement slurry is poured into moulds. The aluminium paste reacts with the alkaline elements in the mixture and forms hydrogen gas. This liberated gas expands the mixture forming extremely small finely dispersed air spaces. The product is removed from the mould after a few hours, cut to the required dimension and finally cured under pressure in a steam autoclave.

AAC Block Wall Systems are (typically) load-bearing external wall solutions for homes as an alternative to traditional double brick construction. Blocks are glued together (thin bed) using AAC Manufacturer's adhesive to a design standard of providing a level, fully filled joint.

AAC Panel is (typically) a 50 or 75mm panel of Autoclaved Aerated Concrete (AAC) with corrosion protected steel reinforcement embedded during production. This lightweight, yet solid masonry panel is designed for external cladding in timber or steel frame construction. Panels are glued together (thin bed) using AAC Manufacturer's adhesive to a design standard of providing a level, fully filled joint.

## **Substrate Preparation Notes**

## ASSESS SUITABILITY

Concrete, mortar and cement based products need to be fully cured for at least 28 days before painting, unless using Dulux AcraTex HAR primer.

## PREPARE SURFACE

Remove any powdery layers, laitance, efflorescence and protrusions of mortar by detergent cleaning, wire brushing, water blasting or a suitable chemical treatment.

## CLEAN

Clean the surface thoroughly by water blasting or detergent cleaning, where a commercial cleaner is added to hot or cold water and surface is washed / scrubbed thoroughly with a stiff bristle broom and then rinsed clean with fresh water. This may need to be repeated on extremely dirty surfaces to ensure removal of efflorescence or other poorly bonded surface material. Ensure that the surface is dry, clean and free from dust. Efflorescence may also be removed with an acid treatment, followed by washing down the surface with water.

## REPAIR SURFACE IMPEREFCTIONS

Fill any cracks or surface imperfections with a suitable filler or patching compound.

## RENDERING OF NEW BRICK/ BLOCKWORK & MASONRY

Refer to Dulux AcraTex Texture coatings for suitable levelling and texture systems.





Coating System Summary				
<ul><li>1st Coat</li><li>2nd Coat</li><li>3rd Coat</li></ul>	Dulux 1 Step Prep Water Based Primer Sealer Undercoat Dulux Wash & Wear 101 +Plus Kitchen & Bathroom Low Sheen Dulux Wash & Wear 101 +Plus Kitchen & Bathroom Low Sheen			

Coating System						
1st Coat — Dulux 1 Step Prep	Water Bas	sed Primer Sealer	Undercoat			
Coat Type 1st Coat		Datasheet NZDU00432 Dulux 1 Step Prep Water Based Primer Sealer Undercoat				
Read the full Datasheet details at	Dulux 1 Ste	p Prep Water Based	Primer Sealer Underd	<u>coat</u>		
Application Methods						
Air Spray 🛉 Airless	Spray	Brush 🕇	Roller			
	Min		Max		Recommended	
Theoretical Spread Rate (m²/L)					14	
Wet Film Per Coat (microns)					71	
Dry Film Per Coat (microns)					31	
Recoat Time **	2 Hours					
V.O.C. Level < 40g/L untinted				Meets ECNZ V.O.C. Requirements?  Not Applicable		
ROLLER: Using a medium nap rolle Stir contents thoroughly before an AIRLESS/CONVENTIONAL SPRAY: to aid atomisation. BRUSH: Wet brushes with water pr When painting exterior surfaces, e	d during use Suitable for ior to use to	application by all sta avoid clogging. App	ndard spray equipmen	t. If necessary thin w	ith up to 100ml per litre of water	
SDS Number DLXNZLEN002997			SDS Link View SDS Link			
2nd Coat — Dulux Wash & W	ear 101 +P	lus Kitchen & Bat	hroom Low Sheen			
Coat Type <b>2nd Coat</b>		Datasheet NZDU00408 Dulux Wash & Wear 101 +Plus Kitchen & Bathroom Low Sheen				
Read the full Datasheet details at	Dulux Wash	& Wear 101 +Plus	Kitchen & Bathroom L	ow Sheen		
Application Methods						
Air Spray Airless	Spray	Brush	Roller			
	Min		Max		Recommended	
Theoretical Spread Rate (m²/L)					16	
Wet Film Per Coat (microns)					63	





Dry Film Per Coat (microns)			25		
Recoat Time **	2 Hours	Indefinite	2 Hours		
V.O.C. Level <16g/L		Yes  Total Volatile Organic Cont accordance to the stated r Manuals. The TVOC conte of the known VOC values of These materials include the	Meets ECNZ V.O.C. Requirements?  Yes  Total Volatile Organic Content (TVOC) values are calculated in accordance to the stated methodology within Green Star Technical Manuals. The TVOC content is theoretically calculated as the sum total of the known VOC values of the product's raw material components. These materials include the base paint plus additional low VOC tinter required for non-factory packaged colours.		
rolling back into the paint which ha be eased by thinning with up to 50 Bathroom Low Sheen ensuring tha	s been drying for more than 3 ImL water per litre and slightly t the first coat is completely dr	dampening the surface. Apply two	uired. Under hot conditions application can coats of Wash & Wear +Plus Kitchen & using poor quality or worn rollers can		
Brush, roller, conventional and airles  AIRLESS/CONVERNTIONAL SPRA  Suitable for application by all stanc  conventional spray or up to 30 ml p	ss spray. Y ard spray equipment. If neces	ssary, to aid atomisation, up to 100 m ay. Use 0.015" to 0.017" spray tip at	l per litre of water may be added for approximate pressure of 2200 - 2600 PSI.		
SDS Number DLX001119		View SDS Link	SDS Link  View SDS Link		
3rd Coat — Dulux Wash & We	ear 101 +Plus Kitchen & B	athroom Low Sheen			
Coat Type 3rd Coat		ulux Wash & Wear 101 +Plus Kitche	en & Bathroom Low Sheen		
Read the full Datasheet details at	Dulux Wash & Wear 101 +Plo	us Kitchen & Bathroom Low Sheen			
Application Methods  Air Spray Airless	Spray # Brush T	Roller			
	Min	Max	Recommended		
Theoretical Spread Rate (m²/L)			16		
Wet Film Per Coat (microns)			63		
Dry Film Per Coat (microns)			25		
Recoat Time **	2 Hours	Indefinite	2 Hours		
V.O.C. Level <16g/L		Yes  Total Volatile Organic Cont accordance to the stated r Manuals. The TVOC contern of the known VOC values of These materials include the	Meets ECNZ V.O.C. Requirements?  Yes  Total Volatile Organic Content (TVOC) values are calculated in accordance to the stated methodology within Green Star Technical Manuals. The TVOC content is theoretically calculated as the sum total of the known VOC values of the product's raw material components. These materials include the base paint plus additional low VOC tinter required for non-factory packaged colours.		
Coating Application Details Brush, roller and spray.					





### **BRUSH/ROLLER**

Use medium nap roller (8 - 12mm). Pre-wet brushes and roller with water before commencing application. Avoid excessive brushing or rolling back into the paint which has been drying for more than 3 minutes. Thinning is not usually required. Under hot conditions application can be eased by thinning with up to 50mL water per litre and slightly dampening the surface. Apply two coats of Wash & Wear +Plus Kitchen & Bathroom Low Sheen ensuring that the first coat is completely dry before applying the second. Note, using poor quality or worn rollers can affect the final finish achieved. Some colours may require more than 2 coats, especially when painting over dark colours. Brush, roller, conventional and airless spray.

## AIRLESS/CONVERNTIONAL SPRAY

Suitable for application by all standard spray equipment. If necessary, to aid atomisation, up to 100 ml per litre of water may be added for conventional spray or up to 30 ml per litre of water for airless spray. Use 0.015" to 0.017" spray tip at approximate pressure of 2200 - 2600 PSI.

SDS Number	SDS Link
DLX001119	<u>View SDS Link</u>

Coating System Notes

\* Practical Spreading Rate will vary from the quoted Theoretical Spreading Rate due to factors such as method and condition of application and surface roughness. \*\* Recoat times are quotes for 25°c and 50% relative humidity, these may vary under different conditions.

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The correct colour or colour match is the responsibility of the applicator. Colours will change over time and Dulux does not guarantee that the same colour newly mixed will match a colour applied earlier which has been subjected to weathering or other change elements. No product colour is guaranteed against colour change.

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WHERE LEAD MAY BE PRESENT: The asset manager is responsible for verifying the presence of lead and determining whether to remove or encapsulate the lead. If lead is present, the work must be done in strict accordance with AS/ NZS 4361 Parts 1 and 2 and Worksafe Australia or New Zealand guidelines.